



## NCDOT Prioritization 3.0 Project Summary

**SPOT ID:** H142010

**Mode:** Highway

**Status:** Submitted

### US-64, NC-18, NC-90 (Wilkesboro Blvd., Wilkesboro Blvd., Wilkesboro Blvd.)

**From/Cross Street:** US 64/NC 90 (Taylorsville Road)

**Specific Improvement Type:** 10 - Improve Intersection

**To:**

**Project Category:** Regional Impact

**Length:** 0.5

**TIP#:**

**Fully Funded in Draft STIP?** No

**Cost to NCDOT:** \$233,000

#### Description:

Widen culvert and lengthen turn lanes to accommodate current traffic and traffic from proposed new middle school.

**Division(s):** Division 11

**County(s):** CALDWELL

**MPOS(s)/RPO(s):** Greater Hickory MPO

#### Project Location



**Statewide Mobility Total Score: 0**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
<b>Totals: Weight: 0% Weighted Score: 0</b>	N/A	N/A

**Regional Impact Total Score: 46.95**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (25%) 30.92	Percent: 15%	Percent: 15%
Safety (10%) 66.70	Points: 100	Points: 100
[Travel Time] Benefit/Cost (25%) 2.17		
Accessibility / Connectivity (10%) 20.11		
<b>Totals: Weight: 70% Weighted Score: 16.95</b>		

**Division Needs Total Score: 38.29**

Quantitative Score	Division Engineer Local Input Points	MPO/RPO Local Input Points
Congestion (V/C) (20%) 30.92	Percent: 25%	Percent: 25%
Safety (10%) 66.70	Points: 100	Points: 0
[Travel Time] Benefit/Cost (20%) 2.17		
<b>Totals: Weight: 50% Weighted Score: 13.29</b>		

**Project Data \*****Existing Conditions**

Existing Cross-Section:	
Speed Limit:	42
Length (miles):	0.5
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
Terrain Type:	Rolling
Lane Width:	12
Paved Shoulder Width:	1
Roadway has Curb & Gutter?	No
Volume (AADT):	20112.52
Capacity:	52757.71
Volume/Capacity Ratio:	0.38
% Autos:	89%
% Trucks:	11%
Truck Volume:	2253.99
Crash Density:	0
Crash Severity:	0
Critical Crash Rate:	0
Crash Frequency:	66.7
Severity Index:	66.7
County Tier Designation:	1
Non-Interstate STRAHNET Route?	No
Average Commuting Time:	19
Existing Median Type (for Cost Estimation):	TWLTL
Pavement Condition Rating:	53
Actual Congested Speed:	30.03
Travel Time Index:	1.5

**Project Benefits**

Project Cross-Section:	
Speed Limit:	45
Length (miles):	0.5
Facility Type:	Arterial
Access Control:	None
Functional Classification:	Other Principal Arterial
TerrainType:	Rolling
DOT Design Lane Width:	12
DOT Design Paved Shoulder Width:	4
Travel Time Savings for 30 Years (Total):	22000
Travel Time Savings for 30 Years (Autos):	19534.48
Travel Time Savings for 30 Years (Trucks):	2465.52
Long-Term Employment:	
% Change in Economy:	
Provides Direct Connection to Transportation Terminal?	No
Does project upgrade how the roadway functions?	No
In CTP or LRTP?	No
CTP/LRTP Name:	
CTP/LRTP Completion Year:	
Submitted by:	Division 11

\* Data reflects calculations which include weighted averages (where applicable) and represent raw output from the Department's SPOT On!ine tool and associated databases.

**Project Ownership****Division**

<b>Division</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Division 11	100%	100	100
	0%	0	0
	0%	0	0
<b>TOTAL Division Points</b>		<b>100</b>	<b>100</b>

**MPO/RPO**

<b>MPO/RPO</b>	<b>Percent</b>	<b>Regional Impact</b>	<b>Division Needs</b>
Greater Hickory MPO	100%	100	0
	0%	0	0
	0%	0	0
<b>TOTAL MPO/RPO Points</b>		<b>100</b>	<b>0</b>

**Project Cost and Source**

Construction Cost:	\$188,000	Cost Estimation Tool
Right-of-Way Cost:	\$45,000	Cost Estimation Tool
Utilities Cost:	\$0	Cost Estimation Tool
Total Project Cost:	\$233,000	
Other Funding:	\$0	None
<b>Cost to NCDOT :</b>	<b>\$233,000</b>	